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**ABSTRACT****IMPROVEMENTS IN OR RELATING TO TARGETING SYSTEMS**

Described herein is a method of controlling the operation of a missile launcher (12) by predicting the landing position (22) of a missile (16) in flight before it lands. The method includes tracking the missile (16) as it travels along its trajectory (18) until it reaches its apogee (20) and calculating the landing position (22) to provide a feedback correction signal to launcher (12) for the next missile to be launched. By utilising a feedback correction signal in this way, the time to hitting a target (10) from the time of engagement is substantially reduced.

(Fig. 1)